

Acute interstitial nephritis following COVID-19 vaccination



Nefritis intersticial aguda tras la vacunación contra la COVID-19

Dear Editor,

We would like to share ideas on the publication “A case of acute interstitial nephritis following the Pfizer-BioNTech COVID-19 vaccine.¹” Flor Merino et al. reported a case and discussed on possible pathophysiological interrelationship. The COVID-19 vaccine can induce several atypical clinical adverse event and acute interstitial nephritis might be a possible one. However, it is necessary to recognize that there are other confounding factors that might result in the observed clinical problem. Without a complete laboratory investigation at pre-vaccination stage, it cannot rule out background medical problem. Also, the concurrent medical problem can occur in a COVID-19 vaccine recipient and might result in a renal problem. A good example is the concurrent dengue infection.²

Additionally, the patient might have prior or concurrent asymptomatic COVID-19 that can alter the immune response to the vaccine. Since asymptomatic COVID-19 is not uncommon and can be easily missed,³ the exact conclusion on the present case is still not final. It is necessary to have a complete investigation before a final conclusion.

Conflict of interest

None.

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Amnuay Kleebayoon^{a,*}, Viroj Wiwanitkit^b

^a Private Academic Consultant, Samraong, Cambodia

^b Honorary Professor, Dr. DY Patil Vidhayapeeth, Pune, India

* Corresponding author.

E-mail address: amnuaykleebai@gmail.com (A. Kleebayoon).

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